A

METEOROLOGICAL JOURNAL

FOR THE YEAR 1774.

KEPT

AT THE ROYAL SOCIETY'S HOUSE

BY ORDER OF

THE PRESIDENT AND COUNCIL.

The Royal Society is collaborating with JSTOR to digitize, preserve, and extend access to *Philosophical Transactions (1683-1775)*. www.jstor.org

METEOROLOGICAL JOURNAL for 1774.

	Time.	Therm. without	Therm within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str.	
Jan. 1	8 0	26,0	36,0	29,57		W	1	Froſt.
	2 30	31,5	36,5	29,55				
2	8 30	30,8	34,5	29,44		NW	1	Fair.
3	8 15	26,0	32,5	29,765		NNW	1	Fair.
	2 10	32,5	33,0	29,89				
4	8 40	24,0	31,0	30,015		SW	1	Fine.
	2 0	32,0	32,0	29,995		WSW	1	
5	8 15	25,8	32,0	30,135		SW	1	Fog.
	4 0	30,0	32,0	30,175		SW	1	Fog.
6	8 5	34,7	33,0	29,975		SW	1	Rain.
	2 10	41,0	35,5	29,925		SSW	1	Rain.
7	8 5	35,7	36,5	29,585	0,596	NNW	2	Clear.
	2 0	39,0	38,5	29,67		NW	1	
8	8 15	28,0	36,0	29,93		SSW	1	Fog.
	3 15	36,0	37,0	29,84		E		
9	8 15	37,5	38,0	29,475	0,956	N	1	Rain.
	2 0	33,0	38,5	29,615		N	1	Snow.
10	8 0	30,5	36,5	29,815	0,340	E	1	Clear.
	2 15	31,0	36,5	29,835				
11	8 0	27,0	33,5	29,735		ENE	1	Fine.
	3 0	32,0	34,0	29,70		ENE		
12	8 15	28,0	32,0	29,67		ENE	1	Fair.
	2 0	32,5	33,5	29,64		ENE	1	
13	8 0	30,0	32,0	29,44		E by N	1	Fog.
	2 0	34,0	34,0	29,325				
14	8 10	42,0	38,0	28,79	0,184	SW	2	Rain.
	2 10	46,0	40,5	28,845		SW		Rain.
15	8 0	41,5	41,5	29,20	0,042	SW	1	Cloudy.
	2 0	44,7	43,0	29,33		NW	1	
16	8 15	45,5	44,0	29,265	0,098	SW	1	Cloudy.
	2 10	50,0	45,0	29,22		SW		Cloudy.

METE-

METEOROLOGICAL JOURNAL for 1774.

	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str.	
Jan. 17	8 0	48,5	46,0	29,27	0,010	SW	2	Cloudy, windy night.
	2 0	50,5	47,5	28,935		SSW	2	Rain.
18	8 0	34,5	45,0	29,11	0,210	NNE	2	Snow, windy night.
	2 0	35,0	50,5	29,34		NE		
19	8 0	27,0	39,0	29,895		W by N	2	Fair, windy night.
	2 10	34,0	39,0	29,92		NW	1	Fair.
20	8 0	29,5	35,5	29,75		E by S	1	Fog.
	2 0	33,0	36,0	29,65		E by S	1	Fair.
21	8 0	30,0	34,5	29,73		E	1	Fair.
	2 5	35,0	35,5	29,83		E	1	Fair.
22	8 0	27,5	33,5	29,76		E by S	1	Fair.
	2 0	36,0	42,0	29,56		SE	1	
23	8 0	40,5	38,5	28,99	0,136	SW	2	Cloudy.
	3 0	41,0	39,0	29,02		SW	1	Fair.
24	8 0	35,0	38,0	28,85		SW	1	Snow.
	3 0	39,0	39,0	28,98		SW	1	Cloudy.
25	8 0	30,5	37,0	29,455		WSW	1	Fair.
	2 0	36,0	38,0	29,53		WSW	1	Fair.
26	8 0	32,5	37,0	29,35	0,058	SW	1	Fair.
	2 30	39,5	39,0	29,46		WSW	1	Fair.
27	8 0	42,0	39,0	29,50	0,117	SW	1	Rain.
	3 0	48,0	41,5	29,34		SW	1	Rain.
28	8 0	36,0	42,0	29,51	0,131	SW	1	Fair.
	2 10	41,0	43,5	29,56		SW	1	Fair.
29	8 0	37,5	41,5	29,58	0,058	SE	1	Rain.
	3 0	42,5	42,0	29,57		W	1	Fog.
30	8 0	31,5	40,0	29,88	0,022	W	1	Fair.
	2 15	41,0	41,0	29,94		NW	1	Fine.
31	8 0	27,0	37,0	30,055		N by E	1	Fair.
	2 0	35,0	38,0	30,07		N	1	Fair.

METEOROLOGICAL JOURNAL for 1774.

	Time.		Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H.	M.			Inches.	Inch.	Points.	Str.	
Feb. 1	8	0	31,0	36,0	30,20		NE	1	Fair.
	2	0	32,0	36,0	29,87		SW	1	Snow.
2	8	0	24,5	33,0	30,225		NE	1	Fair.
	2	0	33,5	35,0	30,28		NE	1	Fair.
3	8	0	29,0	33,0	30,355		NNE	1	Fair.
	2	0	37,0	36,0	30,36		NE	1	Thaw.
4	8	30	35,5	36,5	30,435	0,114	NE	1	Fog.
	2	10	40,0	38,0	30,46		NNE	1	Thaw.
5	8	0	29,0	36,0	30,44		E	1	Fair.
	2	0	40,0	38,0	30,44		N	1	Fine.
6	8	0	27,5	35,0	30,31		W	1	Fair.
	2	10	36,5	36,5	30,27		WSW	1	Fine.
7	8	0	36,0	36,0	30,04		WSW	1	Fog.
	2	0	46,0	39,0	29,95		SWbyW	2	Fair.
8	8	0	41,0	40,0	29,25	0,211	W	2	Fair.
	2	0	34,0	39,0	29,55		NW	2	Fine.
9	8	0	25,0	35,0	29,92		W	1	Fair.
	3	15	34,0	36,0	29,91		NW	1	Fine.
10	8	0	32,0	35,0	30,00		WSW	1	Fog.
	2	0	38,5	36,5	29,97		S	1	Rain.
11	8	0	45,0	40,0	29,41	0,330	SW	1	Rain, windy night.
	2	0	49,0	42,0	29,30		SW	1	Fine.
12	8	0	40,0	41,5	29,58	0,102	SW	1	Fair.
	3	15	48,5	44,0	29,74		W	1	Fair.
13	8	0	43,5	45,5	29,81	0,040	SW	2	Fair, windy night.
	2	0	51,0	47,0	29,87		SW	1	Fair.
14	8	0	47,0	48,0	29,84		SSW	1	Fair, windy night.
	2	10	52,0	50,0	29,74		SSW	1	Fair.
15	8	0	45,0	48,0	29,74	0,185	SSW	1	Fair.
	2	0	50,0	54,0	29,56		SSW	2	Fair.
16	8	0	48,5	49,0	29,19	0,079	SSW	2	Rain, windy night.
	2	5	47,5	50,0	29,20		SW	2	Rain.

METE-

METEOROLOGICAL JOURNAL for 1774.

	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str.	
Feb. 17	8 0	40,0	47,0	29,43	0,057	SW	2	Fair.
	2 0	44,5	47,5	29,55		WSW	2	Fine.
18	8 0	36,0	44,5	29,88		SW	1	Fair.
	2 40	48,5	46,5	29,93		W	1	Fair.
19	8 0	40,5	44,5	30,09		SSW	1	Fair.
	2 0	47,5	46,0	29,96		S	1	Fair.
20	8 0	38,5	45,0	29,97	0,200	SW	1	Fair.
	2 0	48,0	47,0	30,04		SW	1	Fine.
21	8 0	43,0	45,5	29,66		S	2	Fair, windy night.
	2 15	45,0	47,0	29,45		WSW	2	Rain.
22	8 0	39,0	44,0	29,90	0,195	SSW	1	Rain.
	2 0	46,0	45,0	29,61		SSW	2	Rain.
23	8 0	45,0	46,0	29,47	0,127	SW	1	Fair, windy night.
	2 40	50,5	48,0	29,39		SSW	1	Rain.
24	8 0	40,5	47,5	29,16	0,170	SW	3	Fair, windy night.
	2 0	49,0	49,0	29,30		WSW	3	Fair.
25	8 0	39,5	46,5	29,26	0,090	E	1	Rain, windy night.
	2 0	40,5	46,0	28,95		N	1	Rain.
26	8 0	34,5	42,0	29,55	0,280	W by N	1	Fair.
	2 0	41,0	43,0	29,68		W by N	1	Fine.
27	8 0	33,0	40,0	30,07		WSW	1	Fair.
	2 0	44,5	41,5	30,15		W	1	Fine.
28	8 0	44,5	44,0	29,80	0,180	SW	2	Rain, windy night.
	2 0	52,0	45,5	29,68		SW	2	Fair.

METEOROLOGICAL JOURNAL for 1774.

	Time. H.	Time. M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Winds. Str.	Weather.
Mar. 1	8	0	37,0	43,5	29,85	0,043	WSW	1	Fair.
	2	0	46,0	46,0	29,93		W	2	Fair.
2	8	0	37,5	42,5	29,57		SW	1	Fair.
	2	0	40,0	43,5	29,46		WSW	1	Fair.
3	8	0	33,5	40,5	29,56	0,083	W	1	Fair.
	2	0	43,5	43,0	29,615		NW	1	Fair.
4	8	0	37,5	43,5	29,33	0,020	SE	1	Rain.
	2	20	49,0	46,0	29,16		SW	1	Fair.
5	8	0	41,0	44,0	29,155	0,127	SW	1	Fair.
	2	0	45,5	45,0	29,14		SW	1	Rain.
6	8	0	44,0	45,0	29,34	0,410	SW	1	Fair.
	2	40	54,5	48,0	29,44		SW	1	Fair.
7	7	30	50,0	48,5	29,54	0,142	SW	2	Rain, windy night.
	2	0	51,0	51,0	29,61		SW	2	Rain.
8	7	30	52,0	51,5	29,60	0,328	SW	2	Rain.
	2	0	47,5	52,0	29,73		N	2	Rain.
9	7	30	39,5	47,5	29,94	0,220	NE	2	Rain.
	2	40	40,0	46,0	29,81		NE	2	Rain.
10	7	30	35,0	41,5	29,90	0,387	NE	2	Fair.
	2	0	39,0	48,0	29,89		NE	2	Fine.
11	7	30	34,0	41,5	29,87		NE	2	Fair.
	2	15	42,0	43,5	29,81		NE	2	Fair.
12	8	0	30,0	39,5	29,74		NE	1	Fair.
	2	0	44,0	42,0	29,74		NE	2	Fine.
13	8	0	36,0	40,0	29,97		ENE	1	Fair.
	2	0	41,0	41,5	30,01		E	1	Fine.
14	7	35	31,5	39,0	30,06		NE	1	Fair.
15	7	30	31,5	38,0	29,93		NE	1	Fair.
	2	0	47,0	46,0	29,88		ESE	1	Fine.
16	7	35	32,0	40,0	29,765		ENE	1	Fog.
	2	0	50,5	50,0	29,69		ENE	1	Fine.

METE-

METEOROLOGICAL JOURNAL

for 1774.

	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str.	
Mar. 17	7 30	37,5	43,0	29,62		ENE	1	Fair.
	2 0	60,0	47,0	29,61		SSW	1	Fine.
18	7 30	48,0	49,0	29,55		S	2	Fair.
	2 0	56,5	52,0	29,52		SSE	1	Fine.
19	7 30	45,5	49,5	29,49	0,010	SE	1	Fair.
	2 0	57,5	54,0	29,55		SE	1	Fine.
20	7 35	45,0	49,5	29,73		NE	1	Fair.
	2 0	55,5	53,5	29,78		E	1	Fine.
21	7 35	41,5	49,5	30,01		NE	1	Fair.
	2 0	54,0	52,0	30,09		N	1	Fine.
22	7 30	40,5	49,0	30,30		NE	1	Fair.
	2 0	50,0	51,0	30,31		NNE	1	Fine.
23	7 40	42,0	48,0	30,30		N	1	Fair.
	2 0	46,5	49,0	30,30		NNE	1	Fair.
24	7 30	41,5	47,5	30,33	0,010	E by N	1	Fair.
	2 15	54,0	57,0	30,33		NE	1	Fine.
25	7 0	37,5	47,5	30,22		NNE	1	Fog.
	2 30	53,0	50,0	30,12		NE	1	Fine.
26	7 25	37,5	47,0	30,065		S	1	Fair.
	2 0	56,5	50,0	30,05		WSW	1	Fine.
27	7 40	41,0	48,0	30,07		SSW	1	Fair.
	2 0	59,0	52,0	30,01		S	1	Fine.
28	7 20	46,0	50,0	29,94		NE	1	Fine.
	2 15	60,0	61,5	29,99		NE	1	Fine.
29	7 25	43,0	44,0	30,10		NE by N	1	Fine.
	2 0	57,0	52,5	30,09		NE by N	1	Fine.
30	7 30	41,5	52,0	30,05		N	1	Fine.
	1 45	55,0	56,0	29,98		SW by S	1	Fine.
31	7 30	38,0	49,0	29,90		NE	0	Fog.
	2 0	59,0	56,0	29,725		SE	0	Fine.

METEOROLOGICAL JOURNAL

for 1774.

	Time. H.	M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Str.	Weather.
Apr. 1	7	20	44,0	50,0	29,65		E	1	Fine.
	2	0	54,0	52,0	29,58		E	2	Fine.
2	7	0	42,0	48,5	29,41		E	1	Fine.
	2	0	53,0	51,0	29,48		E	1	Fine.
3	7	15	46,5	48,5	29,35		S	1	Fine.
	2	0	54,0	52,0	29,33		SSE	2	Fair.
4	7	0	43,0	47,0	29,50	0,415	SW	2	Fine.
	2	0	53,0	52,0	29,68		SW	1	Fine.
5	7	0	42,5	48,0	29,78		SSW	1	Rain.
	2	0	52,5	50,5	29,765		SSW	2	Fine.
6	7	0	43,5	48,0	29,575	0,122	S	2	Rain.
	2	0	50,0	50,0	29,37		S	2	Rain.
7	7	0	44,0	48,5	29,35	0,188	S by W	1	Fair.
	2	0	53,0	51,0	29,36		S	2	Rain.
8	7	0	43,0	48,5	29,39	0,130	S	1	Fair.
	2	15	51,5	51,0	29,45		SSW	1	Fair.
9	7	0	36,5	47,0	29,56		NE	1	Fog.
	2	0	52,0	49,5	29,56		N	1	Fair.
10	7	10	44,0	48,5	29,625		W	1	Fair.
	2	0	60,0	51,5	29,69		SSW	1	Fine.
11	7	0	48,0	50,5	29,805		S	1	Fair.
	2	0	57,5	53,5	29,90		SE	1	Fair.
12	7	0	51,0	53,5	30,05		SSE	1	Fine.
	2	0	65,0	58,0	30,105		SE	1	Fine.
13	7	0	46,0	53,0	30,185		N	1	Fine.
	2	0	62,0	58,0	30,21		ENE	2	Fine.
14	7	0	45,5	51,5	30,24		NE	2	Fair.
	2	0	51,0	53,5	30,21		NE	1	Fine.
15	7	0	45,0	50,0	29,98		NE	1	Fair.
	2	0	48,5	51,0	29,88		NE	2	Fair.
16	7	0	42,5	49,0	29,82		NE	1	Fair.
	2	0	48,5	50,0	29,79		N by E	1	Fair.

METE-

METEOROLOGICAL JOURNAL for 1774.

	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points	Str.	
Apr. 17	7 25	42 0	48,0	29,875		SW	1	Fair.
	2 0	53,0	50,0	29,88		WSW	1	Fair.
18	7 0	47,5	50,0	29,63	0,082	SW	1	Fair.
	2 15	51,5	52,5	29,58		WNW	1	Fair.
19	7 0	38,0	46,0	29,80	0,065	NW	2	Fine.
	2 0	49,0	48,0	29,785		W	2	Fair.
20	7 0	42,0	46.5	29,74		NW	1	Fair.
	2 0	50,0	48,5	29,81		NNE	1	Fine.
21	7 0	38,0	45,0	30,08		W	1	Fine.
	3 0	54,0	49,0	30,08		W	1	Fine.
22	7 0	50,0	50,0	30,04		WSW	1	Fine.
	2 0	57,0	52,5	30,06		WSW	1	Fair.
23	7 0	51,5	53,0	30,11		WSW	1	Fine.
	2 0	67,0	58,0	30,17		WSW	1	Fine.
24	7 30	54,0	55,5	30,175		W	1	Fair.
	2 0	65,5	59,0	30,17		W by S	2	Fair.
25	7 0	51,0	57,5	30,08	0,005	SW	1	Rain.
	2 0	65,0	60,0	29,875		SW	1	Fine.
26	7 0	46,0	56,0	29,65	0,035	W	2	Fine.
	2 0	55,0	56,0	29,615		W	2	Fine.
27	7 0	39,0	50,0	29,605		W	1	Fine.
	2 0	53,0	52,0	29,62		W	1	Fine.
28	7 0	44,5	49,5	29,71		N	1	Fair.
	2 0	43,5	49,0	29,71		N	2	Rain.
29	7 0	46,5	49,5	29,86	0,200	NW	1	Rain.
	2 15	55,5	51,5	29,90		N by W	1	Fair.
30	7 0	50,	53,0	29,925		N	1	Fair.
	2 0	58,5	55,5	29,98		NE	1	Fair.

METEOROLOGICAL JOURNAL

for 1774.

	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str.	
May 1	7 0	46,0	52,5	30,005		NE	2	Fair.
	2 0	58,0	55,0	29,97		NE	2	Fine.
2	7 0	50,0	53,0	29,58	0,020	NE	1	Cloudy.
	2 30	60,0	56,0	29,43		SSW	2	Cloudy.
3	7 10	51,0	55,0	29,38		NW	1	Cloudy.
	2 0	57,0	56,5	29,46		WSW	1	Rainy.
4	7 0	49,0	54,0	29,635		NE	1	Fine.
	2 6	63,0	60,0	29,65		ENE	2	Fine.
5	7 0	45,0	52,0	29,52	0,140	NE	1	Rainy.
6	7 0	48,0	53,5	29,53	0,043	NE	1	Fine.
	2 0	54,5	55,0	29,58		E	1	Fair.
7	7 0	46,0	51,5	29,84	0,363	NW	1	Fair.
	2 0	56,0	53,5	29,97		W by N	1	Fine.
8	7 30	47,5	51,5	30,13		ENE	1	Fair.
	2 0	63,0	55,0	30,11		SSE	1	Fine.
9	7 0	52,0	54,5	30,105	0,042	E	1	Fair.
	2 0	66,5	58,0	30,09		E	1	Fine.
10	7 0	55,5	56,5	29,96		NE	1	Fair.
	2 0	68,0	60,5	29,91		ENE	1	Fine.
11	7 0	53,0	58,0	29,85	0,048	ENE	2	Rain.
	2 0	60,0	60,5	29,89		NE	1	Fine.
12	7 0	52,5	57,5	29,97	0,088	N	1	Fair.
	2 0	65,5	61,0	30,01		N	1	Fine.
13	7 0	48,0	57,0	30,12		N	1	Fair.
	2 0	64,0	60,0	30,13		N	1	Fine.
14	7 0	52,0	57,5	30,12		NE	1	Fine.
	2 0	69,0	61,5	30,12		NE	1	Fine.
15	7 20	53,0	57,5	30,11		NE	1	Fine.
	2 0	66,5	60,5	30,11		NE	1	Fine.
16	7 0	46,5	56,0	30,175		NE	2	Fine.
	2 15	56,5	57,0	30,175		NE	1	Fine.

METE-

METEOROLOGICAL JOURNAL

for 1774.

	Time.		Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H.	M.			Inches.	Inch.	Points.	Str.	
May 17	7	0	48,0	54,0	30,12		NE	1	Fair.
	2	0	52,5	55,0	30,15		NE	1	Fine.
18	7	0	45,0	51,5	30,15		SSE	1	Fine.
	2	0	50,5	51,5	30,15		NE	1	Fair.
19	7	0	47,0	51,0	30,155		SW	1	Fair.
	2	0	61,0	55,0	30,15		N by W	1	Fine.
20	7	0	52,0	54,5	30,15		E	1	Fine.
	2	0	63,0	57,5	30,09		E	1	Fine.
21	7	0	54,0	55,5	29,75		E	1	Fair.
	2	0	59,5	57,5	29,61		E	1	Fair.
22	7	10	58,5	59,0	29,35		SSW	1	Fine.
	2	0	65,0	61,0	29,34		SSE	1	Fair.
23	7	0	53,0	58,5	29,34		S	1	Fair.
	2	0	54,5	59,0	29,34		S by E	1	Rain.
24	7	0	53,5	57,0	29,52	0,156	S by E	1	Rain.
	2	0	64,0	59,5	29,55		SSW	1	Fair.
25	7	0	50,5	57,0	29,74	0,121	NW	1	Fair.
	2	0	58,0	59,0	29,73		NW	1	Cloudy.
26	7	0	47,0	55,0	29,925	0,093	N	2	Cloudy.
	2	0	53,0	55,5	29,99		N	2	Fair.
27	7	0	45,0	51,0	29,96	0,076	NNW	2	Cloudy.
	2	0	56,0	53,5	29,99		NNW	2	Fair.
28	7	0	47,0	51,5	30,05	0,064	NW	1	Fine.
	1	45	55,0	54,0	30,05		NNW	1	Fair.
29	7	15	48,0	52,5	30,02	0,059	NW	1	Cloudy.
	2	0	50,5	53,5	29,92		NW	1	Rain.
30	7	0	47,0	51,5	29,79	0,050	SW	1	Cloudy.
	2	0	61,5	55,0	29,80		SW	1	Fine.
31	7	0	51,5	54,0	29,81	0,050	S by E	1	Rain.
	2	0	66,5	61,0	29,81		SW	1	Fine.

METEOROLOGICAL JOURNAL for 1774.

	Time.		Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H.	M.			Inches.	Inch.	Points.	Str.	
June 1	7	0	55,5	59,0	29,93	0,050	SSW	1	Fine.
	2	0	69,5	63,0	29,95		SSE	2	Fine.
2	7	0	63,0	62,0	29,93	0,046	S	2	Fair.
	2	0	66,0	63,5	29,92		S	2	Fine.
3	7	0	56,0	61,5	29,97	0,854	SW	1	Fine.
	2	15	66,0	63,5	29,88		SW	1	Fair.
4	7	0	52,0	60,0	29,65		WNW	1	Rain.
	4	30	54,5	51,0	29,65		NNE	1	Rain.
5	7	0	57,0	60,0	29,69	0,204	WNW	1	Fine.
	2	0	62,5	62,0	29,74		NW	1	Fine.
6	7	0	56,0	60,5	29,68	0,130	S	1	Fair.
	2	0	67,0	63,5	29,68		E	1	Fine.
7	7	0	54,5	61,0	30,10		NNW	1	Fine.
	2	0	72,0	64,0	30,17		NNW	1	Fine.
8	7	10	57,0	62,0	30,34		SE	0	Cloudy.
	2	0	68,5	64,5	30,34		NW	1	Fine.
9	7	0	65,0	65,0	30,255		W	1	Fair.
	2	0	75,5	68,5	30,24		W	1	Fine.
10	7	0	61,0	66,0	30,21		NE	0	Fine.
	2	0	64,0	67,0	30,18		E	0	Fair.
11	7	0	61,5	64,0	30,04		SW	0	Fair.
	2	0	71,0	67,5	29,95		E	1	Fair.
12	7	0	56,0	62,0	29,75		E	1	Fair.
	2	0	65,0	65,0	29,66		E	1	Cloudy.
13	7	0	59,5	64,5	29,60		N	2	Fine.
	2	0	70,0	66,0	29,74		WNW	2	Fine.
14	7	0	58,0	64,0	29,96		SW	1	Fair.
	2	0	72,0	67,0	29,97		SW	2	Fine.
15	7	0	66,5	67,0	29,85		S	1	Fair.
	2	0	77,0	70,0	29,84		SW	1	Fine.
16	7	0	62,0	68,0	29,96		S	1	Fine.
	2	0	74,5	69,5	29,99		SW	1	Fine.

METE-

METEOROLOGICAL JOURNAL

for 1774.

	Time.		Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H.	M.			Inches.	Inch.	Points.	Str.	
June 17	7	0	63,0	66,0	29,99	0,060	SE	1	Rain.
	2	0	74,5	71,0	29,93		W	1	Fair.
18	7	0	57,0	65,0	30,01	0,170	SW	1	Fair.
	2	0	70,5	68,5	30,07		W	1	Fine.
19	7	30	60,5	66,0	29,90		SE	1	Fine.
	2	0	74,5	69,0	29,84		S	1	Fine.
20	7	0	60,0	65,5	29,475	0,019	S by W	1	Rain.
	2	0	65,0	67,0	29,47		S by W	2	Cloudy.
21	7	0	56,0	63,5	29,54	0,050	SW	1	Cloudy.
	2	10	61,5	64,0	29,64	0,510	S	1	Rain.
22	7	0	54,0	60,0	29,85		NNE	1	Cloudy.
	2	0	59,5	62,0	29,90		NW	1	Cloudy.
23	7	0	54,0	61,0	29,94	0,037	W	1	Cloudy.
	2	0	61,0	61,5	29,98		SW	1	Cloudy.
24	7	0	60,0	61,5	29,92		WSW	1	Fair.
	2	0	69,0	64,0	29,97		SW	1	Fair.
25	7	0	61,0	63,5	30,03		SSW	1	Fair.
	2	0	72,0	67,0	30,00		SSW	1	Fair.
26	7	0	67,0	66,5	29,92		SW	1	Fine.
	2	0	77,5	70,0	29,92		SW	1	Fine.
27	7	0	62,5	68,5	29,90		SW	1	Fine.
	2	0	69,0	69,5	29,87		SW	1	Fair.
28	7	0	60,5	66,5	29,78	0,026	SSW	1	Cloudy.
	2	30	69	67,5	29,80		SW	2	Fair.
29	7	0	59,5	65,5	29,93	0,028	WSW	2	Fine.
	2	10	67,0	65,0	29,94		SW	2	Fine.
30	7	0	58,5	62,5	29,83	0,089	SW	2	Cloudy.
	2	10	67,0	65,0	29,88		SSW	2	Fair.

METE-

METEOROLOGICAL JOURNAL

for 1774.

	Time. H.	M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Str.	Weather.
July 1	7	0	59,0	63,0	30,00		SW	1	Cloudy.
	2	0	73,5	66,5	30,01		SW	1	Fine.
2	7	0	62,0	65,5	30,10		S	1	Fair.
	2	0	76,0	69,0	29,92		SW	1	Fine.
3	7	0	61,0	67,5	29,71		S	1	Cloudy.
	2	0	75,5	70,5	29,74		SW	2	Fine.
4	7	0	60,0	67,0	29,84		SW	1	Fine.
	2	0	68,5	68,5	29,88		SW	2	Fine.
5	7	0	59,0	65,0	29,98	0,045	SSW	1	Fair.
	2	0	68,0	67,0	29,92		SSW	2	Fair.
6	7	0	58,0	65,0	29,77	0,178	WSW	1	Fine.
	2	0	63,0	65,0	29,75		WSW	2	Fine.
7	7	0	56,0	62,0	30,04	0,208	W	1	Fair.
	2	0	72,5	66,5	30,05		WSW	1	Fine.
8	7	0	64,0	63,0	29,93		SSE	1	Fine.
	2	30	68,5	66,0	29,92		SSE	1	Fair.
9	7	0	57,5	64,5	29,98	0,060	SW	1	Fine.
	2	0	64,5	66,5	29,99		SW	2	Rain.
10	7	20	59,0	63,0	29,99	0,226	SSW	1	Fine.
	2	5	69,0	65,0	29,92		SSW	1	Fine.
11	7	0	59,5	64,0	29,96	0,062	SW	1	Fair.
	2	0	60,5	64,0	29,99		NW	1	Rain.
12	7	0	58,0	63,0	30,03	0,130	SW	1	Fair.
	2	0	67,5	65,0	29,98		SW	2	Fine.
13	7	0	61,0	64,0	29,77	0,053	WSW	1	Fair.
	2	0	68,5	66,0	29,90		WNW	1	Fair.
14	7	0	61,0	64,0	29,61	0,282	SSW	1	Cloudy.
	2	10	63,0	65,0	29,80		NW	2	Fine.
15	7	0	58,5	63,0	30,08	0,039	NW	2	Fine.
	2	0	69,0	65,0	30,19		NW	2	Fine.
16	7	0	56,5	62,0	30,32		NW	1	Fine.
	2	5	71,0	65,5	30,30		NW	1	Fine.

METE-

METEOROLOGICAL JOURNAL

for 1774.

	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str.	
July 17	7 20	60,0	65,0	30,235		WSW	1	Fine.
	2 20	68,5	67,0	30,21		SW	1	Fair.
18	7 0	60,0	65,0	30,19		WNW	1	Fair.
	2 0	68,0	67,0	30,21		WNW	1	Fair.
19	7 0	59,5	63,5	30,16		SW	1	Fair.
	2 0	66,0	65,5	30,05		WSW	2	Fair.
20	7 0	58,5	61,5	29,87	0,168	WNW	1	Fine.
	2 0	64,0	64,5	29,92		NW	1	Fine.
21	7 0	55,5	60,0	30,03	0,063	SW	1	Fair.
	2 0	70,5	64,5	30,03		SW	1	Fair.
22	7 0	57,0	62,5	30,26	0,102	N	1	Fair.
	2 0	67,5	65,0	30,33		N by E	1	Fine.
23	7 0	63,0	65,0	30,36		WSW	1	Fair.
	2 0	77,5	68,0	30,33		S by W	1	Fine.
24	7 0	60,0	66,5	30,22		S	0	Fine.
	2 0	77,5	69,0	30,14		S by W	0	Fine.
25	7 0	63,0	68,5	30,07		S	0	Fair.
	2 0	81,0	72,0	30,05		S by E	0	Fine.
26	7 0	63,0	70,0	29,92		NE	1	Fine.
	2 0	83,5	73,5	29,78		E by S	1	Fine.
27	7 0	61,0	70,0	29,92	0,540	S by W	1	Fine.
	2 0	71,0	70,0	29,95		SW	2	Fine.
28	7 0	58,0	65,0	29,88	0,192	WSW	1	Fine.
	2 0	69,5	68,0	29,92		SW	1	Fine.
29	7 10	62,0	65,0	29,83	0,045	WSW	2	Rainy.
	2 0	68,0	68,0	29,79		SW	2	Fair.
30	7 0	60,5	66,5	29,94	0,045	W	1	Fine.
	2 0	72,5	69,0	30,01		NW	1	Fair.
31	7 15	60,0	66,5	30,01		W by S	1	Fair.
	2 0	70,0	68,0	30.03		NW	1	Fine.

METE-

METEOROLOGICAL JOURNAL for 1774.

	Time. H.	Time. M.	Therm without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Winds. Str.	Weather.
Aug. 1	7	0	56,5	64,5	30,12	0,068	N by W	1	Fair.
	2	0	69,0	67,5	30,20		NNE	1	Fine.
2	7	0	53,5	63,0	30,32		NNE	1	Fine.
	2	0	67,0	64,5	30,31		SE	1	Fine.
3	7	0	55 0	62,5	30,22		S by W	1	Fine.
	2	0	73,0	65,5	30,15		N	1	Fine.
4	7	0	59,0	65,0	29,96	0,030	E by N	2	Fair.
	2	0	68,5	68,0	30,02		NE	1	Fair.
5	7	0	56,5	64,0	29,88	1,002	NE	2	Fair.
	2	0	62,5	65,5	30,00		NW	1	Fair.
6	7	0	59,0	63,5	30,09	0,042	SW	1	Cloudy.
	2	0	73,0	68,0	30,095		WSW	2	Fine.
7	7	0	63,5	66,0	30,09		WSW	2	Fine.
	2	0	78,0	70,5	30,11		WSW	2	Fine.
8	7	0	61,5	67,0	30,11		N	1	Fair.
	2	0	77,0	73,0	30,04		E by S	1	Fair.
9	7	10	67,5	70,5	29,81		S	1	Fair.
	2	0	77,5	74,0	29,80		WSW	1	Fine.
10	7	0	57,0	68,5	29,88		WSW	1	Fine.
	2	0	69,5	68,5	29,91		W	1	Fair.
11	7	0	54,0	63,0	30,08	0,138	SW	1	Fine.
	2	0	69,0	66,0	30,17		WSW	1	Fine.
12	7	0	54,5	62,0	30,22		SW	1	Fine.
	2	0	69,0	66,5	30,23		NW	1	Fine.
13	7	0	59,0	62,0	30,20		SW	1	Fair.
	2	30	71,5	68,5	30,20		W	1	Fine.
14	7	0	59,0	69,5	30,02		SW	1	Fine.
	2	0	73,0	68,5	29,92		SW	1	Fine.
15	7	0	59,0	65,5	29,68	0,106	SSW	1	Fine.
	2	0	68,0	67,5	29,63		SSW	2	Fair.
16	7	0	59,0	64,5	29,81	0,065	SE	1	Rain.
	2	0	70,0	67,0	29,63		S	2	Fair.

METE-

METEOROLOGICAL JOURNAL
for 1774.

	Time. H.	M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Str.	Weather.
Aug. 17	7	0	58,0	64,0	29,68	0,048	W by S	2	Fine.
	2	0	69,5	66,0	29,84		W	2	Fine.
18	7	0	56,5	63,5	29,97		WSW	1	Fine.
	2	0	57,0	64,0	29,99		SW	1	Fine.
19	7	0	55,5	62,5	30,19		N by E	1	Fair.
	2	0	71,5	66,5	30,21		SE	1	Fine.
20	7	0	60,0	63,5	30,14		E by N	1	Fine.
	2	0	71,5	69,0	30,10		ESE	2	Fine.
21	7	0	62,5	66,0	30,04		SE	1	Fine.
	2	0	77,0	68,5	30,03		SE	1	Fine.
22	7	0	61,0	66,5	29,98		ENE	1	Cloudy.
	2	0	69,5	68,5	30,00		NNE	1	Fair.
23	7	0	59,0	66,0	30,11		N	1	Cloudy.
	2	0	68,0	68,0	30,15		N	1	Fair.
24	7	0	56,0	64,5	30,17		NNE	1	Cloudy.
	2	0	65,0	65,0	30,16		N by E	1	Cloudy.
25	7	0	57,5	63,0	29,93		E by N	1	Fair.
	2	0	73,0	66,5	29,795		S	1	Fine.
26	7	0	59,0	65,0	29,55	0,544	W by S	1	Fair.
	2	0	70,5	67,5	29,62		SW	1	Fine.
27	7	0	55,5	64,0	29,56	0,291	W by S	1	Fine.
	2	0	63,0	66,0	29,64		NW	1	Thunder.
28	7	0	57,0	52,5	29,535	0,293	S by E	1	Cloudy.
	2	0	62,5	63,5	29,38		W by S	2	Fair.
29	7	0	52,0	60,5	29,64	0,453	SSW	1	Fine.
	2	30	57,0	61,5	29,72		S by W	1	Fair.
30	7	0	58,0	60,5	29,80	0,165	S by W	1	Rain
	2	0	67,0	63,0	29,62		SW	2	Cloudy.
31	7	0	63,5	64,0	29,82	0,095	S by W	2	Cloudy.
	2	0	67,0	66,0	29,86		SSW	2	Fair.

METEOROLOGICAL JOURNAL for 1774.

	Time. H.	M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Str.	Weather.
Sept. 1	7	0	64,5	66,5	30,01	0,022	SSW	1	Cloudy.
	2	0	67,5	69,5	30,02		SW	2	Fine.
2	7	0	64,0	67,5	29,825		S	1	Fair.
	2	0	68,0	69,0	29,90		W	1	Fair.
3	7	0	53,0	64,5	30,09	0,045	SSW	1	Fair.
	2	0	70,0	67,0	29,96		SSW	1	Fine.
4	7	0	61,5	64,0	29,85		SW	1	Fine.
	2	0	73,0	68,0	29,81		SW	1	Fine.
5	7	0	52,0	61,5	30,00	0,041	W by N	1	Fine.
	2	0	68,0	64,5	30,035		W	1	Fine.
6	7	0	60,5	62,5	29,83	0,068	S by W	1	Cloudy.
	2	0	70,0	67,0	29,90		WNW	1	Fair.
7	7	0	54,0	61,0	30,05	0,346	NW	1	Cloudy.
	2	0	62,0	62,5	30,11		NNW	1	Fair.
8	7	0	45,5	53,5	30,27		NNE	1	Fine.
	2	0	57,0	56,5	30,28		N by E	1	Fine.
9	7	0	42,5	49,5	30,15		NNE	1	Fine.
	2	0	60,0	55,5	30,08		N by E	1	Fine.
10	7	0	50,5	54,5	30,06		E by N	1	Fine.
	3	0	67,0	58,5	30,04		SSW	1	Fair.
11	7	0	52,5	57,5	30,01	0,116	WSW	1	Fine.
	2	0	66,0	61,0	30,01		W by S	1	Fine.
12	7	0	53,0	60,0	29,625	0,176	SSW	1	Fine.
	2	0	59,0	61,5	29,55		W by S	1	Cloudy.
13	7	0	54,0	59,0	29,405		SE	1	Cloudy.
	2	0	56,0	61,0	29,58		E by N	1	Rain.
14	7	0	51,5	57,0	29,77	0,097	NNW	1	Cloudy.
	2	0	61,0	64,0	29,80		NW	1	Cloudy.
15	7	0	55,0	58,5	29,80		N	1	Cloudy.
	2	0	61,5	60,5	29,87		N by E	2	Fine.
16	7	0	50,0	57,0	29,83		W	1	Fair.
	2	0	58,0	58,5	29,82		N	1	Fine.

METE-

METEOROLOGICAL JOURNAL

for 1774.

	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str.	
Sept. 17	7 0	51,0	56,5	29,92	0,179	N	1	Fine.
	2 0	61,5	59,5	29,95		N by E	1	Fine.
18	7 0	53,0	57,5	30,03		NNE	1	Fair.
	2 0	61,5	60,0	30,08		NE	1	Fine.
19	7 0	43,5	54,5	29,98		NE	1	Fine.
	2 30	64,0	58,5	29,87		S	1	Fair.
20	7 0	48,5	56,0	29,68	0,309	WNW	1	Fine.
	2 0	59,5	58,5	29,75		W by N	1	Fine.
21	7 0	52,0	56,0	29,68		SSW	1	Fair.
	2 0	58,0	58,0	29,565		SSE	2	Rain.
22	7 0	48,0	55,5	29,48	0,468	SSE	1	Fine.
	2 0	59,5	58,0	29,29		S by W	2	Fair.
23	7 0	54,0	57,0	29,11	0,244	S by W	2	Fine.
	2 0	58,5	59,0	29,28		S	2	Fine.
24	7 0	55,0	58,0	29,40	0,235	SSE	1	Fine.
	2 0	64,0	60,0	29,42		SE	1	Fair. Thunder about 9 P.M.
25	7 30	53,5	58,5	29,50	0,695	W	1	Rain.
	2 0	59,5	60,5	29,53		W	1	Rain.
26	7 0	53,5	59,0	29,56	0,108	SSW	1	Cloudy.
	2 0	58,5	60,0	29,64		WSW	1	Fair.
27	7 0	47,0	57,0	29,87	0,076	NNE	1	Fog.
	2 0	59,5	59,0	29,90		E	1	Fine.
28	7 0	53,0	56,5	29,78	0,018	S by E	1	Rain.
	2 40	56,0	57,5	29,71		SE	1	Rain.
29	7 0	50,0	56,0	29,68	0,236	S	1	Fine.
	2 0	62,0	59,0	29,65		E	1	Fair.
30	7 0	53,5	58,0	29,53	0,264	S	1	Fine.
	2 0	56,0	59,5	29,53		S by W	1	Rain.

METEOROLOGICAL JOURNAL for 1774.

	Time. H.	M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Str.	Weather.
Oct. 1	7	0	49,0	57,5	29,47	0,347	S	1	Fine.
	2	0	58,5	61,0	29,44		SW	1	Rain.
2	7	20	53,5	57,5	29,40	0,354	SW	1	Fine.
	2	0	57,0	59,0	29,52		NW	1	Fair.
3	7	0	42,5	53,5	30,12	0,054	W	1	Fine.
	2	0	56,0	55,5	30,22		NW	1	Fine.
4	7	0	43,5	52,0	30,38		SW	1	Fine.
	2	0	59,0	55,0	30,41		S by W	1	Fine.
5	7	0	50,5	54,0	30,43		S	1	Fine.
	2	0	60,5	57,5	30,42		S by W	1	Fine.
6	7	0	52,0	54,0	30,27		SE	1	Rain.
	2	0	64,0	58,0	30,23		SW	1	Fine.
7	7	0	53,0	57,5	30,32		WSW	0	Fair.
	2	0	64,5	60,5	30,37		W	0	Fine.
8	7	0	44,5	56,0	30,57		S	0	Fine.
	2	0	57,5	57,5	30,57		NE	1	Fine.
9	7	40	43,0	53,0	30,49		NE	1	Fair.
	2	20	57,5	55,0	30,38		S	1	Fine.
10	7	0	47,0	54,0	30,22		SW	1	Fine.
	2	0	59,0	56,0	30,18		W	1	Fine.
11	7	0	42,5	52,5	30,27		N by E	0	Fine.
	2	0	57,5	55,0	30,27		WSW	1	Fine.
12	7	0	48,5	54,0	30,29		WSW	1	Fair.
	2	0	59,0	56,0	30,30		NW	2	Fine.
13	7	0	50,5	55,0	30,40		W	0	Fair.
	2	0	58,5	57,0	30,43		N by E	1	Fair.
14	7	0	52,0	54,5	30,46		NE	1	Fair.
	2	0	58,0	57,5	30,46		NE	1	Fine.
15	7	0	41,5	52,0	30,44		NE	1	Fine.
	2	0	55,0	54,0	30,40		E	1	Fine.
16	7	20	44,0	51,5	30,395		ENE	1	Fine.
	2	0	57,0	53,5	30,24		SE	1	Fine.

METE-

METEOROLOGICAL JOURNAL for 1774.

	Time. H.	Time. M.	Therm. without	Therm. within.	Barom.	Rain.	Winds. Points.	Winds. Str.	Weather.
					Inches.	Inch.			
Oct. 17	7	0	42,5	51,5	30,12		ENE	1	Fog.
	2	0	54,0	53,5	30,14		S by E	1	Fine.
18	7	0	47,0	52,5	30,26		S by W	1	Fog.
	2	0	58,5	55,0	30,23		SW	1	Fair.
19	7	0	52,0	54,5	30,27		WSW	1	Fair.
	2	0	59,0	56,5	30,27		SW	1	Fair.
20	7	0	48,5	55,0	30,31		SSW	1	Fine.
	2	0	60,5	59,0	30,28		S	1	Fine.
21	7	0	44,5	53,5	30,24		N	1	Fair.
	2	0	60,5	56,0	30,22		S by E	0	Fine.
22	7	0	50,0	54,5	30,15		S by W	0	Fair.
	2	20	60,5	57,5	30,05		SW	1	Fair.
23	8	0	52,0	56,0	29,95	0,089	NW	1	Rain.
	2	0	50,0	55,0	29,95		SE	1	Rain.
24	7	0	45,0	52,5	29,80	0,246	NW	1	Fair.
	2	20	54,5	53,0	29,80		S by W	1	Fine.
25	7	0	41,0	50,0	29,87		SW	1	Fine.
	2	0	51,5	51,5	29,92		NW	1	Fine.
26	7	0	36,0	47,5	30,10		SW	1	Fine.
	2	15	51,5	49,0	30,15		NW	1	Fine.
27	7	0	38,5	46,5	30,15		N	1	Fine.
	2	0	52,0	48,5	30,12		N by E	1	Fine.
28	7	0	38,5	45,5	30,11		NNE	1	Fine.
	2	0	49,0	48,5	30,08		NE	1	Fair.
29	7	0	39,0	45,5	29,87	0,076	NE	1	Cloudy.
	2	0	45,0	47,0	29,74		E by N	1	Fair.
30	8	0	44,5	45,5	29,54	0,010	E by N	1	Rain.
	2	0	49,5	47,5	29,53		E by N	1	Fair.
31	7	0	48,5	49,0	29,50	0,172	E	2	Cloudy.
	2	20	54,0	51,0	29,54		ESE	1	Rain.

METE-

METEOROLOGICAL JOURNAL

for 1774.

	Time. H.	M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Str.	Weather.
Nov. 1	7	0	51,5	52,0	29,75	0,082	NE	0	Fog.
	2	0	58,5	54,0	29,86		SSE	1	Fair.
2	7	30	49,0	53,0	30,00	0,030	E by N	1	Fog.
	2	0	53,0	53,5	30,00		E by N	1	Fair.
3	7	30	52,5	54,0	29,97		SE	0	Fog.
	2	0	58,0	56,0	29,98		SSW	1	Fair.
4	7	30	47,5	53,5	30,01		E by N	1	Fog.
	2	20	54,0	54,5	29,96		ENE	1	Fair.
5	7	30	48,5	52,5	29,71		SE	1	Fair.
	2	0	50,0	52,5	29,56		E	1	Fair.
6	8	10	47,0	51,0	29,17	0,580	E by N	2	Rain.
	2	15	48,5	51,5	29,20		E	2	Rain.
7	7	30	41,5	47,5	29,51	0,313	E by N	1	Fair.
	2	0	44,0	48,0	29,57		NE	1	Fair.
8	7	30	40,0	45,0	29,455		NNE	1	Fair.
	2	0	44,0	46,0	29,44		N	2	Fair.
9	7	30	39,0	43,5	29,50		NNE	1	Fair.
	2	30	42,0	44,5	29,53		ENE	2	Rain.
10	7	30	33,0	42,0	29,945	0,034	N	1	Fair.
	2	0	41,5	43,0	30,125		N	1	Fine.
11	7	30	35,0	40,5	30,05		NE	1	Fair.
	2	0	40,0	41,5	29,92		ENE	1	Little ſnow.
12	7	30	32,5	39,0	29,935	0,063	SW	1	Fog.
	2	0	41,0	41,0	29,86		SW	1	Fair.
13	7	35	33,0	38,0	30,18		N	1	Fine.
	2	0	40,5	40,0	30,225		NNW	1	Fine.
14	7	30	34,0	37,5	30,18		SW	0	Rain.
	2	0	41,0	41,0	30,19		SW	1	Fair.
15	7	30	42,5	42,0	30,11		S by W	1	Fair.
	2	0	49,0	44,5	30,07		WSW	1	Rain.
16	7	40	47,5	46,5	30,06	0,010	SSW	1	Fine.
	2	0	56,0	49,0	30,07		W by S	1	Fair.

METEOROLOGICAL JOURNAL

for 1774.

	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str.	
Nov. 17	7 3	48,0	50,0	30,07		SW	1	Fair.
	2 0	52,5	51,0	29,97		SW	1	Fine.
18	8 0	51,0	51,5	29,55	0,115	W by S	2	Fair.
	2 15	44,0	50,0	29,66		W by N	2	Fair.
19	7 40	34,5	43,5	29,81		NW	2	Fine.
	2 0	39,5	43,0	29,82		W by N	1	Fine.
20	8 30	33,0	40,0	29,96		N	1	Fine.
	2 0	39,0	41,0	30,00		N	1	Fine.
21	7 30	33,5	38,5	30,11	0,024	N	1	Fair.
	2 0	36,5	39,0	30,07		N	1	Fair.
22	7 30	33,0	37,5	30,00		W by S	1	Snow.
	2 0	34,5	37,5	29,74		SSW	1	Snow and Rain.
23	7 30	35,5	39,0	29,865	0,181	E	1	Fair.
	2 20	38,0	40,5	29,865		W by S	1	Fair.
24	7 30	40,0	41,0	29,465	0,081	N by W	2	Fair, much wind laſt night.
	2 15	35,0	41,0	29,38		N	2	Rain and Snow.
25	8 0	32,5	37,5	29,635	0,094	NNE	1	Snow, windy night.
	2 0	36,0	39,0	29,76		N	2	Fair.
26	8 0	32,5	37,5	29,94	0,020	N	1	Fair.
	2 0	35,5	38,5	29,98		N	1	Fine.
27	8 0	31,5	36,0	30,14		N	2	Fair.
	2 0	35,0	36,5	30,11		N	1	Fair.
28	8 0	32,5	34,5	29,74		S	1	Snow.
	2 0	41,0	36,5	29,48		S	1	Fair.
29	8 0	33,0	36,5	29,28		SW	1	Fair.
	2 0	39,0	37,5	29,24		SW	1	Fair.
30	8 0	32,5	36,0	29,31		SW	1	Fine.
	2 30	38,5	37,5	29,40		SW	1	Fine.

METE-

METEOROLOGICAL JOURNAL for 1774.

	Time. H.	M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Str.	Weather.
Dec. 1	8	0	31,0	36,5	29,57		W by S	1	Fair.
	2	0	38,5	37,5	29,62		NW	1	Fine.
2	8	0	34,0	36,5	29,45		SE	1	Fair.
	2	20	40,0	39,5	29,25		SSE	1	Rain.
3	8	0	45,5	40,5	29,11	0,283	SE	1	Rain.
	2	0	48,0	43,0	29,15		SSE	1	Rain.
4	8	0	44,5	45,5	29,48	0,068	E	1	Fair.
	2	0	49,0	47,0	29,68		SE	1	Fair.
5	8	0	43,0	47,0	29,84	0,075	ENE	1	Fair.
	2	0	47,0	47,5	29,90		E	1	Fine.
6	8	0	39,0	43,5	30,13		E	1	Fog and Rain.
	2	0	35,5	41,5	30,18		NE	2	Fine.
7	8	0	31,0	36,5	30,39		NE	1	Fair.
	2	0	32,0	36,5	30,35		NE	1	Fine.
8	8	0	28,5	33,5	29,99		N	1	Fine.
	2	0	29,5	34,0	29,88		N	1	Fine.
9	8	0	25,0	32,5	29,61		NW	1	Fair.
	2	0	27,0	32,5	29,61		NW	1	Snow.
10	8	0	29,0	30,5	29,34		NE	1	Fair.
	2	0	34,0	33,5	29,32		E by N	1	Rain.
11	8	0	45,5	37,5	29,40	0,327	S	2	Rain.
	2	0	51,5	41,0	29,54		S	2	Fair.
12	8	0	50,5	44,5	29,71		SSW	1	Fair.
	2	0	53,5	46,5	29,71		SE	1	Fine.
13	8	0	44,0	47,5	30,08		S	1	Fine.
	2	0	49,5	48,5	30,10		SW	1	Fine.
14	8	0	47,5	48,5	30,02	0,089	W by S	0	Fog.
	2	0	50,0	49,0	29,98		SW	0	Rain.
15	8	0	42,0	48,0	29,935	0,927	SW	1	Fog.
	2	0	48,5	49,0	30,09		W by N	1	Fine.
16	8	0	37,5	45,5	30,22		NE	1	Fog.
	2	0	43,5	46,5	30,16		SE	1	Fair.

METE-

METEOROLOGICAL JOURNAL for 1774.

	Time.		Therm. without	Therm. within	Barom.	Rain.	Winds.		Weather.
	H.	M.			Inches.	Inch.	Points.	Str.	
Dec. 17	8	0	40,5	44,5	30,08		E	0	Fog.
	2	30	44,0	46,5	30,09		ENE	1	Fog, small rain.
18	8	0	42,5	44,5	30,22		W	0	Fog.
	2	30	47,0	45,5	30,26		SW	1	Fair.
19	8	0	45,0	46,0	30,31		NW	1	Fog.
	2	0	47,5	47,0	30,31		NW	1	Fair.
20	8	0	39,5	45,5	30,30		NE	1	Fog.
	2	0	40,0	45,0	30,30		NE	1	Fair.
21	8	0	37,0	42,5	30,21		NNE	0	Fog.
	2	0	38,5	42,5	30,19		NNE	0	Fog.
22	8	0	34,0	40,5	30,35		NNE	1	Fine.
	2	0	40,5	41,0	30,42		NNE	1	Fine.
23	8	0	37,0	40,5	30,65		N	0	Fog.
	2	0	40,0	41,0	30,70		N	1	Fair.
24	8	0	39,5	33,5	30.70		N	1	Fair.
	2	10	37,0	40,0	30,71		NNE	1	Fine.
25	8	15	27,0	36,0	30,675		W	1	Fog.
	2	0	30,5	36,0	30,65		W by N	1	Fog.
26	8	0	34,5	36,0	30,65	0,010	W	0	Fog.
	2	0	36,5	36,5	30,61		W	0	Fog.
27	8	0	35,5	37,0	30,58		W	0	Fog.
	2	0	36,5	37,5	30,56		W by N	1	Fair.
28	8	0	36,0	37,5	30,47		W	0	Fog.
	2	0	39,0	38,5	30,39		W	1	Fair.
29	8	0	35,0	38,5	30,49		W	1	Fine.
	2	0	40,0	39,5	30,545		W	1	Fine.
30	8	0	28,0	36,5	30,56		NW	1	Fog.
	2	0	34,0	36,5	30,49		NW	1	Fine.
31	8	0	27,0	33,5	30,21		W by N	1	Fine.
	2	0	36,0	35,0	30,04	0,027	W by N	1	Fair.

1774	Thermometer without.					Therm. within.			Barometer.		
	Greateſt height.	Leaſt height.	Mean height A. M.	Mean height P. M.	Mean whole day.	Greateſt height.	Leaſt height.	Mean height.	Greateſt height.	Leaſt height.	Mean height.
January	50,5	24,0	30,0	37,7	35,3	50,5	27,0	37,4	30,175	28,79	29,57
February	52,0	24,5	37,6	43,5	40,5	50,0	33,0	42,4	30,46	29,16	29,806
March	60,0	33,5	39,6	50,5	45,0	61,5	38,0	47,4	30,33	29,14	29,82
April	67,0	36,5	44,9	54,8	49,8	60,0	45,0	51,3	30,24	29,33	29,786
May	69,0	45,0	49,7	59,9	54,8	61,5	51,0	55,9	30,175	29,34	29,871
June	77,5	52,0	59,1	68,4	63,7	71,0	59,0	64,6	30,34	29,47	29,90
July	83,5	55,5	59,7	70,1	64,9	73,5	60,0	65,9	30,36	29,61	30,00
Auguſt	78,0	73,0	58,2	69,2	63,7	73,0	52,5	65,6	30,32	29,38	29,954
September	73,0	42,5	52,6	62,1	57,3	69,5	49,5	59,7	30,28	29,11	29,795
October	64,5	36,0	46,0	56,3	51,1	61,0	45,5	53,6	30,57	29,40	30,13
November	58,5	41,0	39,2	43,5	41,3	56,0	34,5	43,7	30,225	29,17	29,807
December	53,5	25,0	37,3	40,8	39,7	49,0	30,5	40,8	30,71	29,11	30,09

inch.

The quantity of rain in the whole year was 26,328, or about $26\frac{1}{3}$ inches.

FOR

FOR THE VARIATION OF THE MAGNETIC NEEDLE.

OBSERVATIONS.

		Morning.	Noon.	2 P. M.	Evening.
		° ′	° ′	° ′	° ′
Auguſt	21	21 27			
	22	21 20		21 37	21 15
	23	21 28	21 38	21 24	21 18
	24	20	33	33	18
	25	41	35	35	19
	26	22	32	32	20
	27	21	35	29	20
	28	20	32	10	20
	29	15	33	15	02
	30	34	34	15	14
	31	23		34	12
September	1	27	34	34	12
	2	22	35	32	19
	3	41	36	33	18
	4	21	16	34	29
	5	24			
		406	393	397	236
		21 25	21 33	21 28	21 17

The mean of all,	21 26
Error of inſtrument,	10—
Correct variation,	21 16 W.

How the error of the inſtrument was found, will be ſhewn in the next publication.

THE END OF VOL. LXV. PART I.